STIC Database Tracking Number: 14084~~2~~

|	
TO: Mark Fadok **Location: Pk. 5, 7B27** **Art Unit : 3625** **December 21, 2004** **Case Serial Number: 09/688715**	**From: Caryn Wesner-Early** **Location: EIC 3600** **PK5-Suite 804** **Phone: 306-5967** **Caryn.Wesner@uspto.gov**

Search Notes

Here's your Fast & Focused search. Remember that it does not include all of the mandatory 705 databases, so if a full search of all databases is needed, you will have to submit the request for that separately.

Caryn S. Wesner-Early, MSLS
Technical Information Specialist
EIC 3600, US Patent & Trademark Office
Phone: (703) 306-5967
Fax: (703) 306-5758
caryn.wesner@uspto.gov
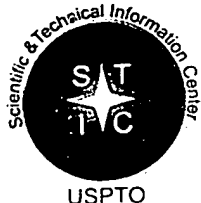
14/08/42

STIC EIC 3600
Search Request Form

Today's Date: 12-21-2004

Class/Subclass 705/27

What date would you like to use to limit the search?
Priority Date: 10/16/2000 Other: _____

Name MARK FADOK

AU 3625 Examiner # 78738

Room # 7B27 Phone 605-4252

Serial # 09/688,715

Format for Search Results (Circle One):
(PAPER)   DISK   EMAIL

Where have you searched so far?
(USP) DWPI EPO JPO ACM IBM TDB
IEEE INSPEC SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES) NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at http://ptoweb/patents/stic/stic-tc3600.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

The invention involves the use of an expert system to ask questions when making a catalog purchase. The system presents questions based on ranking and presents these questions only if the question has relevance and presenting the highest ranked question in order of ranked importance, said ranked importance independent of any previous answers provided by the customer

STIC Searcher _____ Phone _____

Date picked up _____ Date Completed _____

sira
Search and Information
Resources Administration

STIC Search Results
Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher or contact*:

Karen Lehman, EIC 3600 Team Leader
306-5783, PK5- Suite 804

Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:* ☐ *Example: 3620 (optional)*

➤ *Relevant prior art **found**, search results used as follows:*

☐ 102 rejection
☐ 103 rejection
☐ Cited as being of interest.
☐ Helped examiner better understand the invention.
☐ Helped examiner better understand the state of the art in their technology.

   Types of relevant prior art found:

   ☐ Foreign Patent(s)

   ☐ Non-Patent Literature
   (journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art **not found:***

☐ Results verified the lack of relevant prior art (helped determine patentability).

☐ Results were not useful in determining patentability or understanding the invention.

Comments:

```
?show files;ds
File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)
        (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200481
        (c) 2004  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
        (c) 2002 INPI.  All rts. reserv.
File   2:INSPEC 1969-2004/Dec W2
        (c) 2004 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2004/Dec
        (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Dec W3
        (c) 2004 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
        (c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
        (c) 2003 EBSCO Pub.
File 474:New York Times Abs 1969-2004/Dec 20
        (c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Dec 20
        (c) 2004 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group


Set     Items    Description
S1      407494   QUESTIONNAIRE OR QUESTIONAIRE OR (LIST OR SERIES OR SET)(3-
                 N)(QUESTIONS OR QUERIES OR INQUIRIES OR ENQUIRIES OR REQUESTS)
                 OR SURVEY OR INTERVIEW OR INTERROGAT?
S2      1336751  RANKED OR IN(2W)ORDER OR RATED OR TIERED OR PRIORITI?ED OR
                 VALUED OR WEIGHTED
S3      4385831  ASKED OR POSED OR MADE OR MAKE OR PUT
S4      2344485  INDEPENDENT?? OR REGARDLESS OR IRREGARDLESS OR (WITHOUT OR
                 ABSENT OR FREE OR "NOT")(3W)(REGARD OR REFER???? OR INFLUENCED
                 OR CHANGE? ? OR DEPEND???) OR IRRESPECTIVE OR DISREGARD?
S5      3084803  PRIOR OR BEFORE OR EARLIER OR PREVIOUS?? OR PRECEDING OR P-
                 RECEEDING OR PAST OR ANTECEDENT? ? OR FORMER??
S6      524351   ANSWERS OR RESPONSES OR REPLIES OR REJOINDERS OR STATEMENTS
                 OR FEEDBACK
S7      3008     S1(5N)S2
S8      68       S4(10N)(S5(5N)S6)
S9      6        S3(10N)S8
S10     0        S7(S)S9
S11     10       S3(S)S8
S12     0        S7 AND S9
S13     5663     S1(10N)S2
S14     438      S4(S)(S5(7N)S6)
S15     60       S3(S)S14
S16     0        S13 AND S15
S17     5723     S13 OR S15
S18     3068     S7 OR S15
S19     162      S18 FROM 347, 350, 371
S20     19       IC=G06F-017?
S21     19       S19 AND S20
S22     2906     S18 NOT S19
S23     175      CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD-
                 WIDE??? OR WIDEWEB OR HOME()(PAGE? ? OR SITE? ?) OR WEBPAGE? ?
                 OR HOMEPAGE? ? OR WEBSITE? ? OR (COMPUTER OR COMMUNICATION? -
                 ?)()NETWORK OR ONLINE OR ON()LINE
S24     113      S22(S)S23
S25     36       S22(10N)S23
S26     18       S25 NOT PY>2000
S27     17       S26 NOT PD=20001017:20050131
S28     17       RD (unique items)
S29     19       IDPAT S21 (sorted in duplicate/non-duplicate order)
S30     19       IDPAT S21 (primary/non-duplicate records only)
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S31          19   S29 OR S30
S32          19   IDPAT S21 (sorted in duplicate/non-duplicate order)
S33          19   IDPAT S21 (primary/non-duplicate records only)
S34          36   S28 OR S33 ?
```

07614637   **Image available**
SERVER FOR COLLECTING QUESTIONNAIRE

PUB. NO.:   2003-108484 [JP 2003108484 A]
PUBLISHED: April 11, 2003 (20030411)
INVENTOR(s):   NISHIGAMI MASATAKE
APPLICANT(s): NISHIGAMI MASATAKE
APPL. NO.:   2001-295960 [JP 2001295960]
FILED: September 27, 2001 (20010927)

INTL CLASS: G06F-013/00; **G06F-017/60**

ABSTRACT
... home page for requiring filling-up for the prescribed questionnaire is
transmitted to the each **questionnaire** objective person **in** fixed **order**
with an electronic mail for notifying a URL of the home page, the result of
...

07567224   **Image available**
VIEWER PARTICIPATING TYPE STREAMING DISTRIBUTION METHOD, QUESTIONNAIRE
MANAGEMENT SERVER AND VIEWER TERMINAL

PUB. NO.:   2003-061065 [JP 2003061065 A]
PUBLISHED: February 28, 2003 (20030228)
INVENTOR(s):   MATSUDA AKIO
               YAMAZAKI TOMOAKI
               SUZUKI KANAKO
               IMAIZUMI FUMITOSHI
               IMAEDA SOSUKE
               IIZUKA KAZUTAKA
               SHINPO YOSHIMI
APPLICANT(s): NIPPON TELEGRAPH & TELEPHONE EAST CORP
APPL. NO.:   2001-244243 [JP 2001244243]
FILED: August 10, 2001 (20010810)

INTL CLASS: H04N-007/173; G06F-013/00; **G06F-017/60**

ABSTRACT
... the streaming contents to viewer terminals 5 and receives replies from
the viewer terminals 5. **In   order** to reply the **questionnaire**
associated with the streaming contents during reception of the
questionnaire streaming, the viewer terminals 5...

06417835   **Image available**
PERSONAL MERCHANDISING SYSTEM

PUB. NO.:   2000-003394 [JP 2000003394 A]
PUBLISHED: January 07, 2000 (20000107)
INVENTOR(s):   MITSUYOSHI MASANORI
               MOTOHASHI SHUICHI
APPLICANT(s): HITACHI LTD

ABSTRACT
... of the customer, which is equivalent to a merchandise system, is given,
respective items are **weighted** from a purchase result and **questionnaire**
investigation and they are set as a merchandise file 132. A master file
having structure...

34/3,K/11   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

016010435   **Image available**
WPI Acc No: 2004-168286/200416
XRPX Acc No: N04-134254
  **Database selection optimizing method for query search, involves enabling
  limitation of interrogations to most highly rated sources in data
  domains when search items fall within domain**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: DRISSI Y; JENG J; KIM M J; KOZAKOV L; LEON-RODRIQUEZ J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040024745	A1	20040205	US 2002209112	A	20020731	200416	B

Priority Applications (No Type Date): US 2002209112 A 20020731
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040024745	A1		13	G06F-017/30	

  **Database selection optimizing method for query search, involves enabling
  limitation of interrogations to most highly rated sources in data
  domains when search items fall within domain**
International Patent Class (Main): **G06F-017/30**

34/3,K/24   (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01770195 ORDER NO: AADAA-IMQ48250
**Measuring attitudes of ridership regarding the design of LRT stations using
CAD and VR as an assessment tool**
  Author: Wang, Zibin
  Degree: M.E.Des.
  Year: 2000
  Corporate Source/Institution: University of Calgary (Canada) (0026)
  Source: VOLUME 38/05 of MASTERS ABSTRACTS.
           PAGE 1236. 107 PAGES
  ISBN: 0-612-48250-2

     ...were tested in this study were escalators, ramps, enclosed waiting
areas, signage, and platform types. **In order** to conduct the **survey** in
a realistic contextual environment, **virtual** reality technology was
applied to create interactive and real-time simulations of different LRT
stations...

34/3,K/29   (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 EBSCO Pub. All rts. reserv.

Caryn Wesner-Early EIC 3600 December 21, 2004 2

00441172   96IT11-013
   Survey examines market researchers' needs and methods
   Information Today , November 1, 1996 , v13 n10 p18, 1 Page(s)
   ISSN: 8755-6286

   ...for at least some of their research efforts. Lists the top five types
of information **ranked** by **survey** respondents. Concludes that computers
and **online** services have dramatically broadened the scope of what's
available to market research professionals, and...

· 34/AA,AN,AZ,TI/1   (Item 1 from file:. 347)

08114713
HOUSING MERCHANDISING PURCHASE SUPPORT SYSTEM, AND ITS METHOD

APPL. NO.:   2003-017368   [JP 200317368]

  34/AA,AN,AZ,TI/2   (Item 2 from file: 347)

07621106
ELECTION NEWS REPORT SUPPORTING SYSTEM AND DEVICE, AND METHOD AND SYSTEM
FOR SUPPORTING ELECTION NEWS REPORT

APPL. NO.:   2001-310659   [JP 2001310659]

  34/AA,AN,AZ,TI/3   (Item 3 from file: 347)

07614637
SERVER FOR COLLECTING QUESTIONNAIRE

APPL. NO.:   2001-295960   [JP 2001295960]

  34/AA,AN,AZ,TI/4   (Item 4 from file: 347)

07567224
VIEWER PARTICIPATING TYPE STREAMING DISTRIBUTION METHOD, QUESTIONNAIRE
MANAGEMENT SERVER AND VIEWER TERMINAL

APPL. NO.:   2001-244243   [JP 2001244243]

  34/AA,AN,AZ,TI/5   (Item 5 from file: 347)

07419872
SERVER SYSTEM AND TERMINAL SYSTEM FOR SURVEYING ELECTION VOTING TENDENCY

APPL. NO.:   2001-085074   [JP 200185074]

  34/AA,AN,AZ,TI/6   (Item 6 from file: 347)

07294930
SELECTION SUPPORT SYSTEM FOR NEWLY INTRODUCED GAME MACHINE

APPL. NO.:   2000-357391   [JP 2000357391]

  34/AA,AN,AZ,TI/7   (Item 7 from file: 347)

07116707
CHOOSING METHOD OF PERSONALITY AND SYSTEM USING THE SAME EXTRACTING FOR

APPL. NO.:   2000-162578   [JP 2000162578]

· 34/AA,AN,AZ,TI/8   (Item 8 from file: 347)

06417835
PERSONAL MERCHANDISING SYSTEM

APPL. NO.:   10-168038   [JP 98168038]

 34/AA,AN,AZ,TI/9   (Item 1 from file: 350)

016437947
WPI Acc No: 2004-595862/
  **Software application creation system for e.g. websites, automated tax
  reminder systems, comprises hierarchical question tree for control of
  user response options**
Local Applications (No Type Date): GB 20033704 A 20030218
Priority Applications (No Type Date): GB 20033704 A 20030218

 34/AA,AN,AZ,TI/10   (Item 2 from file: 350)

016069122
WPI Acc No: 2004-226979/
  **Service/application/content accessing system in communication network,
  sorts contents satisfying specifications defined by specific commands
  and/or** inquiries , in prioritized list **based on predefined priority
  rules**
Local Applications (No Type Date): WO 2003NO287 A 20030820; AU 2003269726 A
  20030820
Priority Applications (No Type Date): NO 20023947 A 20020820

 34/AA,AN,AZ,TI/11   (Item 3 from file: 350)

016010435
WPI Acc No: 2004-168286/
  **Database selection optimizing method for query search, involves enabling
  limitation of** interrogations **to most highly** rated **sources in data
  domains when search items fall within domain**
Local Applications (No Type Date): US 2002209112 A 20020731
Priority Applications (No Type Date): US 2002209112 A 20020731

 34/AA,AN,AZ,TI/12   (Item 4 from file: 350)

015301214
WPI Acc No: 2003-362148/
  **Internet-based search engine to help users find pages on web, has set of
  queries depending on which series of searches are performed following
  which ranked results of series of searches are merged and then displayed**
Local Applications (No Type Date): US 2001901539 A 20010709
Priority Applications (No Type Date): US 2001901539 A 20010709

 34/AA,AN,AZ,TI/13   (Item 5 from file: 350)

014957455
WPI Acc No: 2003-017969/
  Propensity study conducting method for business application, involves

· calculating score indicating propensity to have particular attitude,
  behavior or demographic based on survey information and created model.
Local Applications (No Type Date): US 2001815985 A 20010322
Priority Applications (No Type Date): US 2001815985 A 20010322

   34/AA,AN,AZ,TI/14   (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014405982
WPI Acc No: 2002-226685/
  Internet-based customer information verification method involves
  releasing or denying call cards based on call records in order list and
  additional customer information databases
Local Applications (No Type Date): WO 2001US14623 A 20010507; AU 200159553
  A 20010507
Priority Applications (No Type Date): US 2000566321 A 20000508

   34/AA,AN,AZ,TI/15   (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014190632
WPI Acc No: 2002-011329/
  System for generating referrals for job positions based on virtual
  communities comprising members relevant to the positions using three
  primary methodical tools
Local Applications (No Type Date): WO 2001US12849 A 20010419; AU 200157128
  A 20010419; WO 2001US12849 A 20010419; US 2002258254 A 20021021
Priority Applications (No Type Date): US 2000198820 P 20000421; US
  2002258254 A 20021021

   34/AA,AN,AZ,TI/16   (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014105509
WPI Acc No: 2001-589723/
  Facilitating conception by one or more persons of one or more potentially
  inventions that may be patented in targeted area by facilitating
  definition of one or more elements of basic invention
Local Applications (No Type Date): WO 2001US4473 A 20010212; AU 200138161 A
  20010212
Priority Applications (No Type Date): US 2000181825 P 20000211; US
  2000181459 P 20000210; US 2000181741 P 20000211; US 2000181816 P 20000211

   34/AA,AN,AZ,TI/17   (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

014013884
WPI Acc No: 2001-498098/
  Method of providing consumers with shopping offers and purchasing
  incentives using a database with offers arranged in groups with offers in
  a group ranked in tiers which by interrogating each group from
  highest t lowest tier
Local Applications (No Type Date): EP 2000402284 A 20000811; CA 2315457 A
  20000809
Priority Applications (No Type Date): US 2000615175 A 20000713; US 99375311
  A 19990816

   34/AA,AN,AZ,TI/18   (Item 10 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

013979287
WPI Acc No: 2001-463501/
  Web survey tool utilizing the distributed access provided by the Internet
  or local area networks to collect and tabulate user answers to survey
  questions
Local Applications (No Type Date): US 96716970 A 19960920
Priority Applications (No Type Date): US 96716970 A 19960920

   34/AA,AN,AZ,TI/19   (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

010691116
WPI Acc No: 1996-188072/
  Secondary memory of computer one or more pages clustering - identifying
  queries of query set of set of objects accessed by query set and
  determining weight of each query for their ranking
Local Applications (No Type Date): US 93120102 A 19930910
Priority Applications (No Type Date): US 93120102 A 19930910

   34/AA,AN,AZ,TI/20   (Item 1 from file: 2)
DIALOG(R)File   2:(c) 2004 Institution of Electrical Engineers. All rts.
reserv.

7144043   INSPEC Abstract Number: B2002-02-8120L-021, C2002-02-7410B-071
  Title: Power quality analyser-a virtual implementation

   34/AA,AN,AZ,TI/21   (Item 2 from file: 2)
DIALOG(R)File   2:(c) 2004 Institution of Electrical Engineers. All rts.
reserv.

4954636   INSPEC Abstract Number: C9507-7220-001
   Title: Online databases in business and science: actual structures of
demand and usage tendencies

   34/AA,AN,AZ,TI/22   (Item 3 from file: 2)
DIALOG(R)File   2:(c) 2004 Institution of Electrical Engineers. All rts.
reserv.

01629709   INSPEC Abstract Number: C81005743
  Title: Business & Government News: a data base published for online access

   34/AA,AN,AZ,TI/23   (Item 1 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01782291
The effect of attitudes and self-efficacy on college student performance in
online instruction

   34/AA,AN,AZ,TI/24   (Item 2 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01770195
Measuring attitudes of ridership regarding the design of LRT stations using
CAD and VR as an assessment tool

   34/AA,AN,AZ,TI/25   (Item 3 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01716674
The effect of Internet use on college student grade point average: A
causal comparative study

   34/AA,AN,AZ,TI/26   (Item 4 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01597779
TOWARD A GROUNDED THEORY OF ORGANIZING AND COMMUNICATING IN THE
POSTINDUSTRIAL ECONOMY

   34/AA,AN,AZ,TI/27   (Item 5 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01386084
ADULT PREFERENCES FOR COMBINATIONS OF COLORS USED IN THE DESIGN OF COMPUTER
DISPLAYS

   34/AA,AN,AZ,TI/28   (Item 6 from file: 35)
DIALOG(R)File 35:(c) 2004 ProQuest Info&Learning. All rts. reserv.

01215588
NATURAL FAMILY PLANNING: KNOWLEDGE, ATTITUDES AND PRACTICES OF DOCTORS
  Original Title: METODOS NATURALES DE REGULACION DE LA FERTILIDAD:
    CONOCIMIENTOS, ACTITUDES Y PRACTICAS DE LOS MEDICOS

   34/AA,AN,AZ,TI/29   (Item 1 from file: 233)
DIALOG(R)File 233:(c) 2003 EBSCO Pub. All rts. reserv.

00441172   96IT11-013
   Survey examines market researchers' needs and methods

   34/AA,AN,AZ,TI/30   (Item 1 from file: 474)
DIALOG(R)File 474:(c) 2004 The New York Times. All rts. reserv.

07542983   NYT Sequence Number: 995401970908
TECHNOLOGY

   34/AA,AN,AZ,TI/31   (Item 1 from file: 583)
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

09361322
Tittar bara pV nUtet
  SWEDEN: SWEDES SURF THE NET BUT BUY IN A STORE

   34/AA,AN,AZ,TI/32   (Item 2 from file: 583)
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

09321253
Smile scores an e-chart victory
  UK: SMILE TOPS E-BANK SURVEY

   34/AA,AN,AZ,TI/33   (Item 3 from file: 583)
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

09158707
 UK: ADVICE ON WHERE NOT TO TRAVEL OVER NEW YEAR

UK: ADVICE ON WHERE NOT TO TRAVEL OVER NEW YEAR

34/AA,AN,AZ,TI/34   **(Item 4 from file: 583)**

06503047
Least corrupt nations: S'pore makes top 10 list again
 WORLD: SURVEY ON CORRUPTION

34/AA,AN,AZ,TI/35   **(Item 5 from file: 583)**

06366958
Hong Kong's salaries rank the 27th in the world
 ASIA: SALARY SURVEY FOR MANUFACTURING INDUSTRY

34/AA,AN,AZ,TI/36   **(Item 6 from file: 583)**

06212754
Worldwide Electronics Suppliers' Ranking
   WORLDWIDE : ALCATEL **RANKED** FIRST IN **SURVEY**

File 348:EUROPEAN PATENTS 1978-2004/Dec W02
        (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041216,UT=20041209
        (c) 2004 WIPO/Univentio

Set	Items	Description
S1	41536	QUESTIONNAIRE OR QUESTIONAIRE OR (LIST OR SERIES OR SET)(3-N)(QUESTIONS OR QUERIES OR INQUIRIES OR ENQUIRIES OR REQUESTS) OR SURVEY OR INTERVIEW OR INTERROGAT?
S2	951823	RANKED OR IN(2W)ORDER OR RATED OR TIERED OR PRIORITI?ED OR VALUED OR WEIGHTED
S3	1185106	ASKED OR POSED OR MADE OR MAKE OR PUT
S4	646740	INDEPENDENT?? OR REGARDLESS OR IRREGARDLESS OR (WITHOUT OR ABSENT OR FREE OR "NOT")(3W)(REGARD OR REFER???? OR INFLUENCED OR CHANGE? ? OR DEPEND???) OR IRRESPECTIVE OR DISREGARD?
S5	1451428	PRIOR OR BEFORE OR EARLIER OR PREVIOUS?? OR PRECEDING OR P-RECEEDING OR PAST OR ANTECEDENT? ? OR FORMER??
S6	177203	ANSWERS OR RESPONSES OR REPLIES OR REJOINDERS OR STATEMENTS OR FEEDBACK
S7	1232	S1(5N)S2
S8	90	S4(10N)(S5(5N)S6)
S9	14	S3(10N)S8
S10	0	S7(S)S9
S11	875	S1(3N)S2
S12	66658	S2(5N)S3
S13	40	S1(7N)S12
S14	102125	S3 AND S4 AND S5 AND S6
S15	182	S7(S)S14
S16	48172	IC=G06F-017?
S17	52	S15 AND S16
S18	1245	S3(S)S4(S)S5(S)S6
S19	5	S7(S)S18
S20	2	S16 AND S19
S21	20	S7 AND S18
S22	20	S20 OR S21
S23	20	IDPAT (sorted in duplicate/non-duplicate order)
S24	20	IDPAT (primary/non-duplicate records only)

DIALOG(R)File 348:EUROPEAN PATENTS

00630813
TRANSACTION BASED INTERACTIVE TELEVISION SYSTEM
TRANSAKTIONSGEBUNDENES INTERAKTIVES FERNSEHSYSTEM
SYSTEME TRANSACTIONNEL DE TELEVISION INTERACTIVE
PATENT ASSIGNEE:
  Open TV, INC., (2858190), 401 East Middlefield Road, Mountain View, CA
    94043, (US), (Proprietor designated states: all)
INVENTOR:
  Lappington, John P., 657 Michelle Court, Laurenceville, GA 30224, (US)
  Marshall, Susan K., 5575 So. Newport, Greenwood Village, CO 80111, (US)
LEGAL REPRESENTATIVE:
  Linn, Samuel Jonathan et al (73272), MEWBURN ELLIS York House 23 Kingsway
  , London WC2B 6HP, (GB)
PATENT (CC, No, Kind, Date): EP 613600 A1   940907 (Basic)
                              EP 613600 A1   990616
                              EP 613600 B1   020227
                              WO 9310605   930527
APPLICATION (CC, No, Date):   EP 92924255 921102; WO 92US9455 921102
PRIORITY (CC, No, Date): US 796085 911120
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IE; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: H04H-009/00; H04N-007/087; H04N-007/16;
  A63F-009/24; G09B-007/06; G09B-007/073
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200209	1758
CLAIMS B	(German)	200209	1695
CLAIMS B	(French)	200209	1921
SPEC B	(English)	200209	10744
Total word count - document A			0
Total word count - document B			16118
Total word count - documents A + B			16118

...SPECIFICATION in the bottom right two (or three) screen display
  characters.

  If the counter times out **before** any input by the viewer, the handheld
  device displays MSG1.

  An open ended INPUT (msg...
...to the next subsequent transaction.

  The handheld device waits until the enter key is pressed **before**
  processing the response. The number of keys entered from the keyboard
  can be limited by...

...range of acceptable key inputs that is the range of value that are
  acceptable as **answers** . When the viewer response is detected, the unit
  confirms that the response is within the...

...can save the value in location x (or a value itself) in location y. The
  previous value in location y is lost.
CONDITIONAL:

  If, Then, The programmer can establish logic and...

...Or arithmetic function using >, <, > =, < =
  And, Or or = as a test of either keyed input, stored **responses** , or
  stored scores to do other logic steps. A typical example is as follows:

Example...
...a part of IF statement to signify alternative processing for, as an
example, wrong INPUT **responses** .
Beep (x,y,z) This will generate an audio sound from the handheld device
28...

...This is a command used to delete the PIU table from non-voltage memory
to **make** room for new PIUs. A background task of sending a group of
DELETE commands for...a sports event, a quiz show or an educational
presentation is mated with interactive data **in order** to associate a
series of **inquiries** and response with the event. The series of queries
and responses are, in a preferred...

24/3,K/3   (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

00306058
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
PATENT ASSIGNEE:
  DATA GENERAL CORPORATION, (410940), Route 9, Westboro Massachusetts 01581
    , (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
  Bachman, Brett L., 214 W. Canton Street Suite 4, Boston Massachusetts
    02116, (US)
  Bernstein, David H., 41 Bay Colony Drive, Ashland Massachusetts 01721,
    (US)
  Bratt, Richard Glenn, 9 Brook Trail Road, Wayland Massachusetts 01778,
    (US)
  Clancy, Gerald F., 13069 Jaccaranda Center, Saratoga California 95070,
    (US)
  Gavrin, Edward S., Beaver Pond Road RFD 4, Lincoln Massachusetts 01773,
    (US)
  Gruner, Ronald Hans, 112 Dublin Wood Drive, Cary North Carolina 27514,
    (US)
  Jones, Thomas M. Jones, 300 Reade Road, Chapel Hill North Carolina 27514,
    (US)
  Katz, Lawrence H., 10943 S. Forest Ridge Road, Oregon City Oregon 97045,
    (US)
  Mundie, Craig James, 136 Castlewood Drive, Cary North Carolina, (US)
  Pilat, John F., 1308 Ravenhurst Drive, Raleigh North Carolina 27609, (US)
  Richmond, Michael S., Fearringtn Post Box 51, Pittsboro North Carolina
    27312, (US)
  Schleimer Stephen I., 1208 Ellen Place, Chapel Hill North Carolina 27514,
    (US)
  Wallach, Steven J., 12436 Green Meadow Lane, Saratoga California 95070,
    (US)
  Wallach, Walter, A., Jr., 1336 Medfield Road, Raleigh North Carolina
    27607, (US)
LEGAL REPRESENTATIVE:
  Robson, Aidan John et al (69471), Reddie & Grose 16 Theobalds Road,
    London WC1X 8PL, (GB)
PATENT (CC, No, Kind, Date): EP 290111 A2 881109 (Basic)
                              EP 290111 A3 890503
                              EP 290111 B1 931222
APPLICATION (CC, No, Date):   EP 88200917 820521;
PRIORITY (CC, No, Date): US 266404 810522
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
  EP 67556 (EP 823025960)
INTERNATIONAL PATENT CLASS: G06F-009/30;

ABSTRACT WORD COUNT: 123

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1044
CLAIMS B	(German)	EPBBF1	890
CLAIMS B	(French)	EPBBF1	1185
SPEC B	(English)	EPBBF1	154314
Total word count - document A			0
Total word count - document B			157433
Total word count - documents A + B			157433

...SPECIFICATION is desirable to encache the data being written into MEM 10112 in MC 20116's **Cache** . IOS 10116 may **set** this bit **to** zero **if** reuse of the data is unlikely, thereby indicating to MEM 10112 that MEM 10112 should...DS) 24050 to be provided as output of the cache when a cache hit occurs.
  Referring to DS 24050, as previously described a cache's data store contains the information, or...BD) 24062 as the cache's output, for example in NC 10226 to AON Bus **20230** , OFFSET Bus 20228, and LENGTH Bus 20226.
  Referring to ADRMUX 24062, ADRMUX 24062 selects one...

...respectively the address index fields and from FLUSHCTR 24066, is controlled by Address Multiplexer Select (**ADRMUXS**) from FUCTL 20214.
  Validity Store (VALS) 24068 and Dirty Store (DIRTYS) 24070 are memories operating...

 24/3,K/5   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01142137   **Image available**
CONSUMER CARE MANAGEMENT METHOD AND SYSTEM
PROCEDE ET SYSTEME DE GESTION DES SOINS AUX CONSOMMATEURS
Patent Applicant/Assignee:
  LIGHTHOUSE INTERNATIONAL, 111 East 59th Street, New York, NY 10022-1202,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  BIRD Betty, 15 Central Avenue, Nyack, NY 10960, US, US (Residence), US
    (Nationality), (Designated only for: US)
  BENSON Patrick J, 310 East 46th Street, #6G, New York, NY 10017, US, US
    (Residence), US (Nationality), (Designated only for: US)
  D'ALLURA Tana, 20 Huckleberry Hill, South Sterling, PA 18460, US, US
    (Residence), US (Nationality), (Designated only for: US)
  DEFINI Josephine, 10 West 15th Street, #2022, New York, NY 10011, US, US
    (Residence), US (Nationality), (Designated only for: US)
  FISCHER Michael L, 46 Gerard Avenue, New Hyde Park, NY 11040-1910, US, US
    (Residence), US (Nationality), (Designated only for: US)
  LAURENZANO Joseph R, 6 Paula Way, Berkeley Heights, NJ 07922, US, US
    (Residence), US (Nationality), (Designated only for: US)
  MARTINEZ Edward, 35 Salter Place, Maplewood, NJ 07040, US, US (Residence)
    , US (Nationality), (Designated only for: US)
  PASKIN Nancy C, 3771 Valley View St., Mohegan Lake, NY 10547, US, US
    (Residence), US (Nationality), (Designated only for: US)
  YABLONSKI Martin S, 10 Wild Oaks Road, #122, P.O. Box 614, Golden Bridge,
    NY 10526, US, US (Residence), US (Nationality), (Designated only for:
    US)
Legal Representative:
  MCCLAIN James W (agent), Gordon & Rees LLP, 1660 Union Street, San Diego,
    CA 92101, US,
Patent and Priority Information (Country, Number, Date):

Detailed Description
.... with an exemplary embodiment of the present invention, is
  displayed. See FIG. 3. As discussed **previously** , triage comprises a series
  of uniform, sequenced questions the **answers** of which will determine
  which assessments/services will be recommended to the consumer. Such
  services include psychotherapy, computer training, employment services,
  help with living **independently** , help with improving mobility and help with
  low or poor vision. During the triage phase, the uniform questions **asked**
  by the staff member enable the consumer's problems to be quickly
  identified. First, the...

...a series of uniform questions
  about the demographics of the consumer 42. The consumer's **answers**
  are recorded into the appropriate window in screen 38 and then the
  ethnicity of the...

...of possible assessments/interventions 62 available to the
  consumer. These interventions include low vision, psychotherapy,
  independent living therapy, computer skills, etc. Based upon the
  consumer's **answers** to **previous** questions, the interventions
  recommended to the consumer are automatically identified. As is
  illustrated in FIG. 5, the low vision and **independent** living therapy
  interventions are recommended to the consumer. The consumer must
  now either accept or reject each recommended intervention. Once the
  consumer has **made** a decision about each intervention, that decision is
  selected by utilizing the drop down box...

...bottom of the recommended interventions screen image 60. Alternatively,
  the staff member may select the **previous** page button 72 to alter
  information on the **previous** screen, the close button 74 to end the
  episode or the new episode button 76...the assessment. These questions may
  include whether or not the consumer has a prosthesis (eye) **asked**
  dependent upon vision status and if so, does the consumer have problems
  with the prosthesis, is the consumer responsible for caring for children
  or elders, has the consumer received a **prior** **independent** living
  instruction
  and if the consumer has received instruction elsewhere. The **answers** to
  the questions are recorded into the appropriate window in the
  independent

living assessment image screen 1 1 6. Next, the assessment determines
consumer self-ratings 124. The questions **asked** to the consumer provide
the assessor with the consumer's self-ratings of the consumer...

Claim
... the second series of uniform questions.,

8 The method of claim 1, wherein the second **series** of uniform
questions are informational, consumer and provider **rated** questions.

9 The method of claim 8, wherein the assessment score for each
of the...

24/3,K/15   (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00566604 . **Image available**
**AUTOMATED FORMS PUBLISHING SYSTEM AND METHOD USING A RULE-BASED EXPERT
    SYSTEM TO DYNAMICALLY GENERATE A GRAPHICAL USER INTERFACE**
**SYSTEME AUTOMATISE D'EDITION DE FORMULAIRES ET PROCEDE FAISANT INTERVENIR
    UN SYSTEME EXPERT A BASE DE REGLES POUR LA GENERATION DYNAMIQUE D'UNE
    INTERFACE UTILISATEUR GRAPHIQUE**
Patent Applicant/Assignee:
  CCH INCORPORATED,
  MUKHERJEE Krishna C,
Inventor(s):
  MUKHERJEE Krishna C,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200029977 A1 20000525 (WO 0029977)
  Application: WO 99US25211 19991028 (PCT/WO US9925211)
  Priority Application: US 98185581 19981104
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
  UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
  RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
  CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 12193

Fulltext Availability:
  Detailed Description

Detailed Description
... can actually be a part of the user interface. They are fetched,
  sorted and displayed **in order** to ask the minimum **set** of **questions**
  required for 5 generating the forms. On the other hand, the fields are
  form specific...

...is permitted to navigate through screens of forms in order to answer
  questions, using "next/ **previous** " buttons if necessary (see FIG. 3H, for
  example). In step 505, facts are asserted in the knowledge base in
  response to the user's inputs during the screen navigation. (As **before** ,
  various rules can fire in response to the assertions, thus changing the
  appearance of the screens during this 10 navigation). In step 506, if the
  answers to any form **independent** questions were changed, then step 503
  is re-executed based on rules fired in the database in response to the
  answers entered by the user. Otherwise, in step 507 a test is **made** to
  determine whether all mandatory questions were answered. If not,
  processing returns to step 504...

00487148 .   **Image available**
COMPUTER-IMPLEMENTED DECISION MANAGEMENT SYSTEM WITH DYNAMICALLY GENERATED
    QUESTIONS AND ANSWER CHOICES
SYSTEME INFORMATIQUE D'AIDE A LA DECISION COMPRENANT DES CHOIX DE QUESTIONS
    ET DE REPONSES GENERES DE MANIERE DYNAMIQUE
Patent Applicant/Assignee:
  EXPERT SYSTEMS PUBLISHING CO,
Inventor(s):
  FAGG Fred D III,
  BERGSMAN Peter D,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9918500 A2 19990415
  Application: WO 98US21086 19981006   (PCT/WO US9821086)
  Priority Application: US 97946543 19971007
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
  HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
  NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
  KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
  FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
  TG
Publication Language: English
Fulltext Word Count: 14380

Fulltext Availability:
  Detailed Description

Detailed Description
... to deal with a multitude of ordinary aspects of computer
 implementation.

  Another drawback of such **prior** systems has been their deterministic
  nature. As described above, such systems prompt a user for facts and then
  apply a series of rules to determine appropriate **answers** . In terms of
  preparing a document, these **answers** represent provisions that are
  included in the document. The user is not given the opportunity...

...desirability of a provision. For example, a provision in an employment
  contract may or may **not** be desirable, **depending** on subtleties not
  available to the system. Only the user, experienced in evaluating the
  subtleties and well informed as to their implication, can **make** the
  ultimate decision whether to include such a provision, and yet present
  systems neither well...patent.

  To accelerate operation of the execution program, it is often desirable
  to ask the **questions** in the question **set** **in** a predetermined **order**
  . This ensures that a question is not asked until all conditions
  precedent to that question...

24/AN,AZ,TI/1   (Item 1 from file: 348)

01587709
Reduced split target reply processor for secondary surveillance radars and
    identification friend or foe systems
Antwortprozessor mit reduzierter Zielspaltung fur Uberwachungssekundarradar
    systeme und Freund-Feind-Kennung-Systeme
Processeur de reponse de dedoublement de cible reduit pour radar secondaire
    de surveillance et systemes d'identification ami-ennemi
APPLICATION (CC, No, Date):   EP 2002258218 021128;
PRIORITY (CC, No, Date): US 334733 P 011130; US 152512 020521

24/AN,AZ,TI/2   (Item 2 from file: 348)

00630813
TRANSACTION BASED INTERACTIVE TELEVISION SYSTEM
TRANSAKTIONSGEBUNDENES INTERAKTIVES FERNSEHSYSTEM
SYSTEME TRANSACTIONNEL DE TELEVISION INTERACTIVE
APPLICATION (CC, No, Date):   EP 92924255 921102; WO 92US9455 921102
PRIORITY (CC, No, Date): US 796085 911120

24/AN,AZ,TI/3   (Item 3 from file: 348)

00306058
Digital data processing system.
Digitales Datenverarbeitungssystem.
Systeme de traitement de donnees numeriques.
APPLICATION (CC, No, Date):   EP 88200917 820521;
PRIORITY (CC, No, Date): US 266404 810522

24/AN,AZ,TI/4   (Item 4 from file: 349)

01166678
ALTERED STATES OF CONSCIOUSNESS IN VIRTUAL REALITY ENVIRONMENTS
PROCEDE   POUR   INDUIRE   DES   ETATS DE CONSCIENCE MODIFIES DANS DES
    ENVIRONNEMENTS DE REALITE VIRTUELLE
    Application: WO 2004AU348 20040322   (PCT/WO AU04000348)

24/AN,AZ,TI/5   (Item 5 from file: 349)

01142137
CONSUMER CARE MANAGEMENT METHOD AND SYSTEM
PROCEDE ET SYSTEME DE GESTION DES SOINS AUX CONSOMMATEURS
    Application: WO 2004US838 20040113   (PCT/WO US04000838)

24/AN,AZ,TI/6   (Item 6 from file: 349)

01129704
DEAD NOZZLE COMPENSATION
COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT
    Application: WO 2003AU1616 20031202   (PCT/WO AU03001616)

24/AN,AZ,TI/7   (Item 7 from file: 349)

01094173
SYSTEM AND METHOD FOR IDENTIFYING AND ASSESSING COMPARATIVE NEGLIGENCE IN INSURANCE CLAIMS
SYSTEME ET PROCEDE DESTINES A IDENTIFIER ET A EVALUER UNE NEGLIGENCE COMPARATIVE DANS DES DEMANDES DE REGLEMENT
Application: WO 2003US25006 20030807   (PCT/WO US03025006)

24/AN,AZ,TI/8   (Item 8 from file: 349)

01084169
METHODS AND APPARATUS FOR CHARACTERIZATION OF TISSUE SAMPLES
PROCEDES ET APPAREILS POUR CARACTERISER DES ECHANTILLONS DE TISSUS
Application: WO 2003US21347 20030708   (PCT/WO US2003021347)

24/AN,AZ,TI/9   (Item 9 from file: 349)

00984064
A PRINTING CARTRIDGE WITH SWITCH ARRAY IDENTIFICATION
CARTOUCHE D'IMPRESSION AVEC IDENTIFICATION D'UNE MATRICE DE COMMUTATEURS
Application: WO 2002AU1053 20020806   (PCT/WO AU02001053)

24/AN,AZ,TI/10   (Item 10 from file: 349)

00984062
IMAGE PRINTING APPARATUS INCLUDING A MICROCONTROLLER
APPAREIL D'IMPRESSION D'IMAGES COMPRENANT UNE MICRO-UNITE DE COMMANDE
Application: WO 2002AU920 20020709   (PCT/WO AU0200920)

24/AN,AZ,TI/11   (Item 11 from file: 349)

00848966
SYSTEMS, APPARATUS AND METHODS FOR DELIVERING GREETINGS WITHIN INTERACTIVE COMMUNICATIONS NETWORKS
SYSTEMES, APPAREILS ET PROCEDES PERMETTANT DE FAIRE PASSER DES SALUTATIONS DANS DES RESEAUX DE COMMUNICATION INTERACTIFS
Application: WO 2001US12642 20010418   (PCT/WO US0112642)

24/AN,AZ,TI/12   (Item 12 from file: 349)

00802534
ANY-TO-ANY COMPONENT COMPUTING SYSTEM
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE
Application: WO 2000US31231 20001113   (PCT/WO US0031231)

24/AN,AZ,TI/13   (Item 13 from file: 349)

00781825
SYSTEM OF REUSABLE SOFTWARE PARTS AND METHODS OF USE
SYSTEME D'UNITES LOGICIELLES REUTILISABLES ET PROCEDES D'UTILISATION
Application: WO 2000US22694 20000816   (PCT/WO US0022694)

00579183
METHOD AND SYSTEM FOR REAL-TIME CONTRACTS, ADMINISTRATION, AND FINANCIAL
    CONTROL TO PROCESS ELECTRONIC CREDIT APPLICATIONS AND INSURANCE
    SERVICES VIA A GLOBAL COMMUNICATIONS NETWORK
PROCEDE ET SYSTEME DE CONTRATS EN TEMPS REEL, D'ADMINISTRATION ET DE
    CONTROLE FINANCIER PERMETTANT UN TRAITEMENT ELECTORNIQUE DES DEMANDES
    DE CREDIT ET SERVICES D'ASSURANCE VIA UN RESEAU DE COMMUNICATIONS
    GLOBAL
    Application: WO 2000US884 20000113 (PCT/WO US0000884)

00566604
AUTOMATED FORMS PUBLISHING SYSTEM AND METHOD USING A RULE-BASED EXPERT
    SYSTEM TO DYNAMICALLY GENERATE A GRAPHICAL USER INTERFACE
SYSTEME AUTOMATISE D'EDITION DE FORMULAIRES ET PROCEDE FAISANT INTERVENIR
    UN SYSTEME EXPERT A BASE DE REGLES POUR LA GENERATION DYNAMIQUE D'UNE
    INTERFACE UTILISATEUR GRAPHIQUE
    Application: WO 99US25211 19991028 (PCT/WO US9925211)

00487148
COMPUTER-IMPLEMENTED DECISION MANAGEMENT SYSTEM WITH DYNAMICALLY GENERATED
    QUESTIONS AND ANSWER CHOICES
SYSTEME INFORMATIQUE D'AIDE A LA DECISION COMPRENANT DES CHOIX DE QUESTIONS
    ET DE REPONSES GENERES DE MANIERE DYNAMIQUE
    Application: WO 98US21086 19981006 (PCT/WO US9821086)

00477244
MEASUREMENT OF CAPILLARY RELATED INTERSTITIAL FLUID USING ULTRASOUND
    METHODS AND DEVICES
MESURE DU FLUIDE INTERSTITIEL PROPRE AUX CAPILLAIRES UTILISANT DES METHODES
    ET DES DISPOSITIFS ECHOGRAPHIQUES
    Application: WO 98US17238 19980819 (PCT/WO US9817238)

00473016
A CAMERA WITH INTERNAL PRINTING SYSTEM
APPAREIL PHOTOGRAPHIQUE A SYSTEME D'IMPRESSION INTERNE
    Application: WO 98AU544 19980715 (PCT/WO AU9800544)

00348333
AN INTEGRATED DEVELOPMENT PLATFORM FOR DISTRIBUTED PUBLISHING AND
    MANAGEMENT OF HYPERMEDIA OVER WIDE AREA NETWORKS
PLATE-FORME DE DEVELOPPEMENT INTEGREE POUR LA PUBLICATION ET LA GESTION

REPARTIES D'HYPERMEDIA SUR DES RESEAUX LONGUE PORTEE
  Application: WO 96US1686 19960321 (PCT/WO US9601686)

  24/AN,AZ,TI/20   (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

00227307
REACH AND FREQUENCY ESTIMATION FOR MEDIA
ESTIMATION DE L'ETENDUE ET DE LA FREQUENCE DE CONTACT POUR LES MEDIAS
  Application: WO 92AU286 19920616 (PCT/WO AU9200286)

```
?show files;ds
File    9:Business & Industry(R) Jul/1994-2004/Dec 20
          (c) 2004   The Gale Group
File   15:ABI/Inform(R) 1971-2004/Dec 21
          (c) 2004 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2004/Dec 21
          (c) 2004 The Gale Group
File  148:Gale Group Trade & Industry DB 1976-2004/Dec 21
          (c)2004 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2004/Dec 21
          (c) 2004 The Gale Group
File  476:Financial Times Fulltext 1982-2004/Dec 21
          (c) 2004 Financial Times Ltd
File  613:PR Newswire 1999-2004/Dec 21
          (c) 2004 PR Newswire Association Inc
File  624:McGraw-Hill Publications 1985-2004/Dec 21
          (c) 2004 McGraw-Hill Co. Inc
File  636:Gale Group Newsletter DB(TM) 1987-2004/Dec 21
          (c) 2004 The Gale Group
File  634:San Jose Mercury  Jun 1985-2004/Dec 19
          (c) 2004 San Jose Mercury News
File  610:Business Wire 1999-2004/Dec 21
          (c) 2004 Business Wire.
File  810:Business Wire 1986-1999/Feb 28
          (c) 1999 Business Wire
File  813:PR Newswire 1987-1999/Apr 30
          (c) 1999 PR Newswire Association Inc
File   47:Gale Group Magazine DB(TM) 1959-2004/Dec 21
          (c) 2004 The Gale group
File  635:Business Dateline(R) 1985-2004/Dec 21
          (c) 2004 ProQuest Info&Learning
File  570:Gale Group MARS(R) 1984-2004/Dec 21
          (c) 2004 The Gale Group
File   13:BAMP 2004/Dec W2
          (c) 2004   The Gale Group
File   75:TGG Management Contents(R)  86-2004/Dec W1
          (c) 2004  The Gale Group


Set     Items    Description
S1    2474287   QUESTIONNAIRE OR QUESTIONAIRE OR (LIST OR SERIES OR SET)(3-
                N)(QUESTIONS OR QUERIES OR INQUIRIES OR ENQUIRIES OR REQUESTS)
                OR SURVEY OR INTERVIEW OR INTERROGAT?
S2    4479925   RANKED OR IN(2W)ORDER OR RATED OR TIERED OR PRIORITI?ED OR
                VALUED OR WEIGHTED
S3   16211575   ASKED OR POSED OR MADE OR MAKE OR PUT
S4    4044512   INDEPENDENT?? OR REGARDLESS OR IRREGARDLESS OR (WITHOUT OR
                ABSENT OR FREE OR "NOT")(3W)(REGARD OR REFER???? OR INFLUENCED
                OR CHANGE? ? OR DEPEND???) OR IRRESPECTIVE OR DISREGARD?
S5   17009618   PRIOR OR BEFORE OR EARLIER OR PREVIOUS?? OR PRECEDING OR P-
                RECEEDING OR PAST OR ANTECEDENT? ? OR FORMER??
S6    4104300   ANSWERS OR RESPONSES OR REPLIES OR REJOINDERS OR STATEMENTS
                OR FEEDBACK
S7      26663   S1(5N)S2
S8        757   S4(10N)(S5(5N)S6)
S9         53   S3(10N)S8
S10         0   S7(S)S9
S11         0   S7 AND S9
S12      5363   S4(S)(S5(10N)S6)
S13      1981   S3(S)S12
S14     16818   S1(3N)S2
S15  12627323   CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD-
                WIDE??? OR WIDEWEB OR HOME()(PAGE? ? OR SITE? ?) OR WEBPAGE? ?
                OR HOMEPAGE? ? OR WEBSITE? ? OR (COMPUTER OR COMMUNICATION? -
```

```
                    ?)()NETWORK OR ONLINE OR ON()LINE
S16      2074    S14(S)S15
S17         0    S13 AND S16
S18         7    S13 AND S14
S19      1115    S14(10N)S15
S20      1168    S9 OR S19
S21         2    S18 NOT PY>2000
S22         2    RD (unique items)
```

01589031 02-40020
Regional sub-contract suppliers to prime defence contractors: Evidence of their performance in response to recent changes in demand
Oakey, R P; James, A; Watts, T
Regional Studies v32n1 PP: 17-29 Feb 1998
ISSN: 0034-3404 JRNL CODE: IRST
WORD COUNT: 8633

...TEXT: 14 SIC categories are represented in Table 2, only four categories contain more than 10 **survey** representatives including, **in** descending **order** of importance: wholesale trade and commission trade (35 firms); manufacture of fabricated metal products (33... to provide continuing investment capital in the long term if a subsidiary is unable to **make independent** progress. However, group investment might have been advanced to fund a major positive programme of...

... for investment may not be a terminally serious problem for Scottish firms are provided by **responses** to a subsequent question on financial problems over the **past** three years. While, overall, 29% of survey firms acknowledged financial problems, individual regional problem levels...

00189024   SUPPLIER NUMBER: 14532397   (USE FORMAT 7 FOR FULL TEXT)
Capturing and creating public opinion in survey research.
Simmons, Carolyn J.; Bickart, Barbara A.; Lynch, John G., Jr.
Journal of Consumer Research, v20, n2, p316(14)
Sep, 1993
ISSN: 0093-5301   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 12449   LINE COUNT: 01000

...   novel. Regardless of whether respondents had voted for Bush or Dukakis in the primary, being **asked** voting intention prior to being **asked** specific issue opinions led to the construction of opinions that tended to agree with stated...

...intention. In contrast, extant research in the survey literature had been interpreted as suggesting that **prior answers** to general questions do not color subsequent **responses** to specific items (Schuman and Presser 1981). Further, the general to specific carryover effects were...1 = not at all honest, -1 = very honest).(9)
    Answers to each of the three **questions** in a **set** were **weighted** by confidence scores and averaged, yielding a score between -3 (maximally anti-Bush) and +3...survey context do not match those used in the decision context. Therefore, if the attributes **rated** in the **survey** reflect those that t considers when evaluating the service or product, measurement error should be...

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L13	L11 and ((answer or response) same (customers or buyers or user or patient of client))	640	L13

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L12	L11 and ((answer or response) same (customers or buyers or user or patient of client))	640	L12
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Expert systems An integral part of knowledge management

Jay Liebowitz. **Kybernetes**. London: 1998.Vol.27, Iss. 2; pg. 170

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Abstract (Document Summary)

Knowledge management is one of the hottest topics in organizations today. Liebowitz emphasizes that expert systems need to be an integral part of knowledge management if knowledge management is to succeed.

Full Text (2499 words)

Jay Liebowitz: Department of Management Science, ⓘGeorge Washington University, Washington, DC, USA

Introduction

Expert systems are a powerful technology, but they have not caught on as widely and quickly as people originally thought. Even though they are being used in most countries throughout the world (see The 4th World Congress on Expert Systems Web site at http://www-cia.mty.itesm.mx/wces98; 16-20 March 1998 in Mexico City), albeit at different levels of maturity and application, expert systems have been one of the best kept secrets. With the rapid emergence of knowledge management, expert systems can find a secure home in which to flourish and become an integral and integrative element of knowledge management (Liebowitz and Wilcox, 1997).

Knowledge management generally consists of four functions: securing, creating, retrieving/combining, and distributing knowledge. Much of knowledge management is not new. Much of its roots can be found in the expert systems and artificial intelligence fields. For example, the knowledge acquisition phase of expert systems can be easily applied to the capturing and securing of knowledge. Developing knowledge repositories for knowledge management activities can be easily traced to knowledge representation and knowledge encoding methodologies and techniques in the expert systems field. The indexing of knowledge can be traced to even case retrieval, similarity, and adaptation methods applied in the case-based reasoning area of the expert systems field. Thus, much of the underpinnings of knowledge management is derived from earlier work in the expert systems and

artificial intelligence field.

Even more important than acknowledging part of the roots of knowledge management coming from the expert systems field is the realization and understanding that expert systems should be an integral part of a knowledge management system. Capturing expertise and putting it online in terms of online pools of expertise or Web-based interactive knowledge centers is critical to the potential success of knowledge management. For example, in the November 1997 issue of the ABA Journal, David Vandagriff (Director of Technology Alliances for ⓘLexis/Nexis) says that:"

We see it [ⓘLexis/Nexis Exchange] becoming an online legal community that will include expert systems with Web-based engines using artificial intelligence. For instance, there will be a federal court venue expert. After a user responds electronically to a few questions, an answer will be given concerning proper venue (p. 84)."

The US Department of Labor (www.dol.gov/elaws) already has been developing Web-based expert systems (e.g. determining Veteran's benefits) as part of its knowledge compliance/knowledge management systems. Other companies and organizations are following suit to allow expert systems to play an important role in their knowledge management system, but still many others are lagging behind.

Knowledge management involves understanding how the enterprise works. Stapko (1990) recognized early on that expert systems and other AI tools can greatly impact knowledge management activities. He states:"

Managing knowledge is a high-level corporate concern. Management wants to know how to run and manage a business using rules and guidelines to reference everything from marketing to manufacturing. Expert systems provide the ability to insulate the business knowledge from the technical knowledge (Stapko, 1990, p. 63)."

The importance of expert systems in knowledge management

Expert systems and other artificial intelligence technologies have been maturing over the years. According to Hedberg (1995), she indicates that AI may be hiding in many little-known places, but it is alive and kicking. Mrs Fields Cookies, Disney Store, IRS, Microsoft Word, the White House, ⓘXerox, Compaq, and many other organizations have used expert systems to assist them in their activities.

So the question remains, why don't more knowledge management officers recognize the importance and need for expert systems within their knowledge management structure? In speaking with the director of knowledge management at a well-known organization in Washington, DC, he failed to see the significance of using expert systems and their underlying methodologies for his company-wide knowledge management effort. He said that expert systems did not seem to work in his organization when they were introduced years ago. Ever since then, expert systems have had a bad taste and we prefer to not use them.

I explained to this director that he is missing the boat and expert systems technology (when applied to the appropriate problems and when expectations are not oversold) has matured to where it is a critical technology and business solution for many organizations. He did not seem convinced, however, and I am afraid that he, and many other chief knowledge officers or those with similar titles, may be underestimating the worth of expert systems usage within the enterprise knowledge management structure, especially when it comes to capturing the business rules of the organization.

Dertouzos (1997) mentions that another probable organizational development is the evolution of "expert centers" staffed by groups of related experts capable of high-quality, high-speed work at very competitive prices. Expert systems have a great role to play here. In fact, using expert systems as these "expert centers" for online expertise and help should hopefully be part of the knowledge management organizational system, if knowledge managers realize a true potential of expert systems.

Liebowitz and Beckman (1998) describe an eight-step process for knowledge management. The stages are:

Stage 1: identify - determine core competencies, sourcing strategy, and knowledge domains.

Stage 2: capture - formalize existing knowledge.

Stage 3: select - assess knowledge relevance, value, and accuracy; resolve conflicting knowledge.

Stage 4: store - represent corporate memory in the knowledge repository with various knowledge schema.

Stage 5: share - distribute knowledge automatically to users based on interest and work; collaborate on knowledge work through virtual teams.

Stage 6: apply - retrieve and use knowledge in making decisions, solving problems, automating or supporting work, job aids, and training.

Stage 7: create - discover new knowledge through research, experimenting, and creative thinking.

Stage 8: sell - develop and market new knowledge-based products and services.

Within this framework, expert systems could be used in the "store", "apply", and "sell" stages. According to Tom Beckman of the Internal Revenue Service, the field of AI is instrumental in many of these innovations. Business value-added comes from identifying and applying expert systems in situations where expertise and knowledge are required to solve problems. Knowledge engineers elicit expertise from domain experts and organize and structure it in ways that can be stored and applied in active forms to structure, guide, perform, and manage tasks; solve problems; and make decisions. The AI disciplines, and especially expert systems, can support the knowledge management process.

Expert systems can also be used as the integrative element linking various knowledge sources. They can serve as the integrative mechanism for solving interdisciplinary problems. Expert and knowledge-based systems provide the framework for handling the exchange and integration of knowledge from various sources. They allow knowledge bases to be created for ultimate sharing and analysis. They are an ideal technology for capturing, preserving, and documenting knowledge, especially in today's environment where organizations are reengineering, downsizing, and losing senior managers due to early retirement packages. Expert systems can be very useful for building the institutional memory of the organization before this intellectual capital is lost.

According to O'Leary (1997), shared knowledge is at the core of organizational or group memory and is essential to the preservation of expertise or process knowledge. ARPA's Intelligent Information Services project has moved to support virtual groups with a number of emerging technologies, including: institutional memory tools that help organizations capture expertise, including process knowledge and access to expert consultants; tools to support multiuser/multiauthor hypermedia Web development so groups can build their own Web sites; and self-organizing knowledge repositories that adapt to community needs with use. As an offshoot of expert systems, knowledge-sharing agents are starting to emerge which could facilitate the knowledge management process.

In a special issue on "knowledge management" in the Expert Systems With Applications International Journal (Vol. 13 No. 1, July 1997), knowledge-based and expert systems are noted for having the potential of playing a major role in the knowledge management era. Karl Wiig of the Knowledge Research Institute in Arlington, Texas, points out that, historically, the major impact of knowledge-based system applications in support of knowledge management has been to deliver knowledge to the point-of-action where the most accurate information on the situation normally is present, analysis is performed, decisions are made, and the opportunity to serve the business in a timely manner is best. However, at the present time, an increasing number of knowledge-based system applications can take on other roles such as to build and organize knowledge, to support education, and many other purposes.

In Holsapple and Joshi's (1997) paper performed for the Kentucky Initiative for Knowledge Management, it is quite evident that expert systems can play a role in their framework of a knowledge resources component, a knowledge management activities component, and a knowledge management influences component. Certainly, expert systems could aid in the knowledge management activities component by representing and processing knowledge.

So what is the message here? The key message is that expert and knowledge-based systems should be recognized by knowledge managers as playing a fundamental role in the development of the organization's knowledge management system. Knowledge management is not new - knowledge managers and knowledge analysts should lift up the outer lining of the knowledge management coat and examine what is underneath. They will quickly find that many of the methodologies, techniques, concepts, and tools from the expert systems and AI

field can be appropriately applied to knowledge management. Knowledge management is the new term in vogue now for repackaging many of these ideas which developed from the AI/information technology, organizational behavior, and human resource management disciplines. As knowledge management tells us, let us learn from the past and these other disciplines so that we do not reinvent the wheel. A great way of doing this is to apply expert systems technology to capture these lessons and further apply this knowledge in a proactive manner. Use the power of expert systems technology to the knowledge management field and there will be a greater likelihood for success of the knowledge management era.

A few examples of artificial intelligence technologies put to use for knowledge management

The US Army War College intelligent agent-based information warfare advisor

The capstone, and perhaps most innovative, activity at the US Army War College is the "Strategic Crisis Exercise" (ⓘSCE). The ⓘSCE is a two-week exercise/simulation which serves as the laboratory for applying the students' knowledge in strategic leadership, military doctrine, policy, and decision making gained over the student's tenure at the War College. The SCE involves all the War College students (320+) role-playing certain organizations, (e.g. State Department, Joint Chiefs of Staff, Treasury, Military Commands, etc.) whereby a myriad of activities occur in which the students need to react and formulate decisions. Typically, over 120 subject matter experts are used throughout the SCE to bring some measure of reality to this exercise.

One of the themes that is integrated throughout the ⓘSCE is the influence of information warfare (IW). In the ⓘSCE, certain civilian and defense-related IW events occur, and the students need to consult the "IW subject matter expert" in order to help resolve some of these issues. To help in this regard, an online IW advisor, using intelligent agent technology, has been built for student use during the ⓘSCE. The US Army War College Knowledge Engineering Group (KEG), headed by Lieutenant Colonel Robert Kilmer, in conjunction with Robert Minehart (the Army War College IW expert, on loan from the National Security Agency), has been working with ⓘGeorge Washington University to develop this capability. Instead of bringing in many experts from around the country to participate in the ⓘSCE, the use of intelligent agents for online advisors may be a cost-effective and efficient technique for allowing the students to interact, pose questions, and engage in discussions with these "surrogate experts" over the ⓘSCE intranet.

An intelligent agent-based framework for knowledge management on the Web

An intelligent agent-based framework for supporting knowledge management on the Web has been built at ⓘGeorge Washington University for allowing multimedia designers, in a virtual setting over the Web, to develop the storyboard (i.e. script and flowchart) for a multimedia program. The system has been used at a multimedia company to allow multimedia designers to communicate and share key ideas and design decisions among team members while developing storyboards. This system has helped design team members to create, exchange, and share their storyboards (text, graphics, video, sound, etc.) in a virtual team. There are three primary agents: a user agent which has knowledge about the users; the knowledge manager which has the ontology for design knowledge; and the knowledge agent which contains knowledge about the storyboards.

The Protocol Hypermedia Expert System

The Protocol Hypermedia System (PHES), also built at ⓘGeorge Washington University, provides users with comprehensive advice and recommendations by presenting the various facets of foreign cultures with pictures, texts, voice recordings, or video clips. By navigating through various sources of knowledge about a specific country in the knowledge base of PHES, users can facilitate their understanding about the country's business culture. PHES is one of the emerging technology applications of expert systems and hypermedia. By linking PHES with some Web sites like those on foreign languages (www.travlang.com/languages), PHES can even further increase in value to its users.

Final thoughts for applying expert systems technology to knowledge management

Over the years, expert systems have contained procedural knowledge, declarative knowledge, episodic knowledge, and/or metaknowledge. These "how to", "what is", "case-based", and "knowledge about knowledge" different types of knowledge can form the underpinnings for the knowledge repositories and corporate memories being built in knowledge management systems. Knowledge elicitation techniques borrowed from the knowledge acquisition

community, as part of the expert systems field, can be applied to the securing and capturing phase of knowledge management. Knowledge sharing interchange formats, like KIF and KQML, have already been developed as an outgrowth of the expert systems field to allow the sharing of knowledge to take place. Expert and knowledge-based systems can facilitate the "collection of knowledge", and when coupled with the "connectivity of knowledge", the knowledge management system becomes a viable entity. Let us not reinvent the wheel - let us apply the lessons learned in the expert systems field as a basic tenet of knowledge management and utilize the techniques that have worked so well for the expert systems field over the last decade and a half to the emerging knowledge management area.

References

1. Dertouzos, M. (1997, What Will Be: How the New World of Information Will Change Our Lives, ⓐMcGraw-Hill, New York, NY.

2. Hedberg, S. (1995, "Where's AI hiding?", AI Expert, April.

3. Holsapple and Joshi (1997, "Knowledge management: a three-fold framework", Expert Systems with Applications International Journal, July..

4. Liebowitz, J. and T. Beckman (1998, Knowledge Organizations: What Every Manager Should Know, CRC Press, Boca Raton, FL.

5. Liebowitz, J. and Wilcox, L. (Eds) (1997, Knowledge Management and Its Integrative Elements, CRC Press, Boca Raton, FL.

6. O'Leary, D. (1997, "The Internet, intranets, and the AI renaissance, " IEEE Computer, January..

7. Stapko, W. (1990, "Knowledge management: a fit with expert tools", Software Management, November.

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